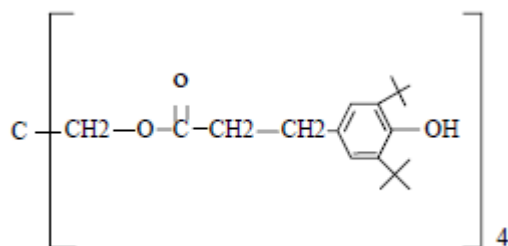


TECHNICAL DATA SHEET Omnistab AN 1010

CAS No	6683-19-8
Chemical name	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)
Molecular formula	C ₇₃ H ₁₀₈ O ₁₂
Molecular weight	1178 g/mol

Molecular structure



Application:

OMNISTAB AN 1010 can be applied in Polyolefin such as Polyethylene , Polypropylene and Olefin Copolymers such as Ethylene-Vinyl acetate Copolymers .Also , Its use is recommended in other Polymers such as Polyacetals, Polyamides and Polyurethanes ,Polyesters ,PVC ,Styrene Homo- and Copolymers ,ABS, Elastomers such as Butyl Rubber (IIR) ,SBS,SEBS,EPM, and EDPM as well as other synthetic Rubbers, Adhesive ,Natural and Synthetic tackifier Resins & other Organic Substrates .

Features / Benefits:

OMNISTAB AN 1010 has good compatibility, High Resistance to Extraction and Low Volatility ,It is Odorless and Tasteless .

Physical Properties

Appearance	White Crystalline Power
Clarity of solution	Clear
Assay	98% Min
Ash	0.1 Max
Melting range	110-125
Flash point	297
Specific gravity (20C)	1.15 Gr/cm ³

TECHNICAL DATA SHEET Omnistab AN 1010

Transmittance	425 nm	96 Min
	500 nm	98 Min
	Powder	530-630 Gr/L
Bulk Density	FF (C)	480-570 G/L
	DD (C)	450-550 G/L
Solubility (20 C)		G/100 g solution
Acetone		47
Chloroform		71
Ethanol		1.5
Ethyl acetate		47
N-Hexane		0.3
Methanol		0.9
Methylene Chloride		63
Toluene		60
Water		<0.01

Guidelines for Use:

Reference dosage for polyolefin: 0.05-4.0% for processing and long term thermal stabilization,
Reference dosage for polyolefins:0.2-1.0% for hot melt adhesives. For synthetic tackifier, dosage is 0.1-0.5%.

Shelf Life:

1 Year Minimum ,Store at Dry and Cool place and avoid heat and light at below 28 °C .

Handling and Safety:

In accordance with good industrial Practice, Handel with care and prevent Contamination of the Environment .Avoid dust formation and Ignition Sources.